

# INJ-0200-60-24-T

Industrial IEEE 802.3bt Gigabit Type 3 4PPoE Injector, EOT: -40° to 75°C



## Features

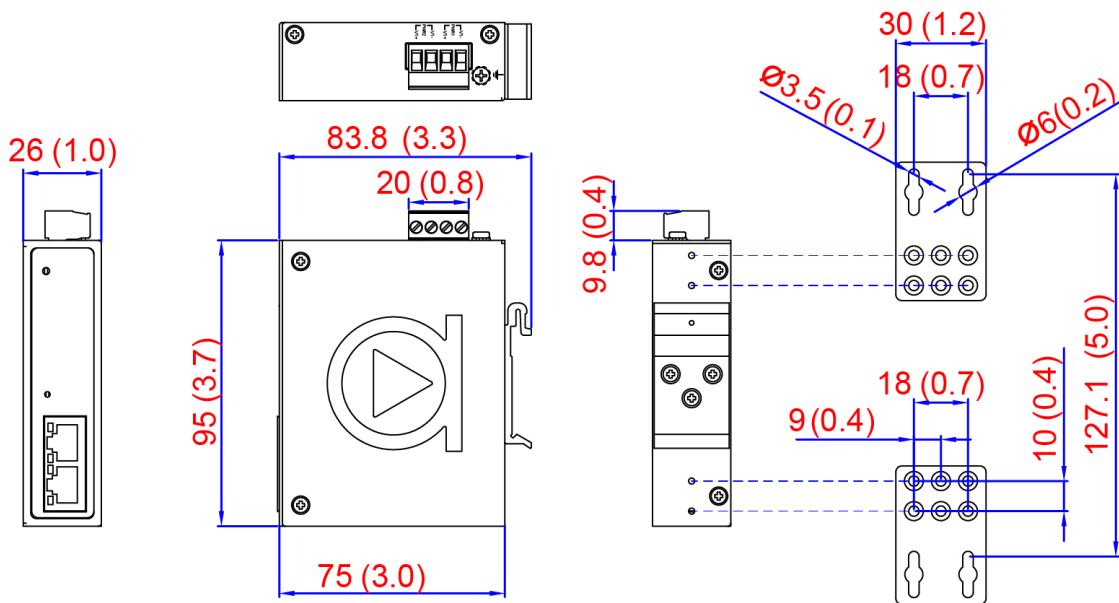
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3bt Type 3 4PPoE Compliant
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 60 Watts on PoE Port
- ▶ Allows Power Input of 9~48VDC
- ▶ IP30 Protection
- ▶ Operating Temperature Range (– EOT): -40° to 75°C
- ▶ DIN-Rail or Wall Mountable
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' INJ-0200G-60-24-T is an industrial high-power IEEE 802.3bt Type 3 Power over Ethernet (PoE) injector backwards compatible with previous IEEE 802.3af/at standards. By utilizing multiple pairs of pins on the RJ45 cable this industrial grade PoE injector is capable of providing up to 60 Watts of power to end devices. Each port supports 10/100/1000Tx for both power in and data out.

The INJ-0200G-60-24-T is IP30 rated, DIN-rail mountable, and supports an extended temperature of -40°C to 75°C, making it ideal for outdoor or harsh industrial applications.

## DIMENSIONS



Unit: mm (inch)

Din-rail

Wall-mount

## SPECIFICATIONS

<b>Technology</b>		<b>Power Requirement</b>	
<b>Standards</b>	IEEE 802.3 10BaseT Ethernet	<b>Input Voltage</b>	9~48VDC, Power Inputs
	IEEE 802.3u 100BaseTX Fast Ethernet	<b>Power Connection</b>	4-pin terminal block
	IEEE 802.3ab 1000BaseT(X)	<b>Reverse Polarity Protection</b>	Present
	IEEE 802.3af/at/bt Power over Ethernet	<b>Overload Current Protection</b>	Present
<b>Switch Properties</b>		<b>Power Consumption</b>	5Watts for system
<b>Transfer Rate</b>	14,880pps for Ethernet Port	<b>PoE Power Output</b>	60W max. per PoE port
	148,800pps for Fast Ethernet Port	<b>Max. PoE Power Budget</b>	60Watts
	1,488,000pps for Gigabit Ethernet Port	<b>Environmental Limits</b>	
<b>Interface</b>		<b>Operating Temperature</b>	EOT: -40°C ~ 75°C
<b>Ethernet Port</b>	2*10/100/1000BaseT(X)	<b>Storage Temperature</b>	-40°C ~ 85°C
	(1*Data IN, 1*PoE OUT)	<b>Ambient Relative Humidity</b>	5% to 95%, (non-condensing)
<b>PoE Port Pin Assignment</b>	V+ for pin 3, 4, 5, 6	<b>Regulatory Approvals</b>	
	V- for pin 1, 2, 7, 8	CE, FCC Class A	
<b>LED Indicators</b>	Power and PoE	EN61000-6-4, EN61000-6-2, EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8 (Magnetic Field)	
<b>Mechanical Characteristics</b>		<b>Free Fall</b>	IEC60068-2-32
<b>Housing</b>	Metal, IP30 protection	<b>Shock</b>	IEC60068-2-27
<b>Dimensions</b>	26 x 95 x 75 mm (W x H x D)	<b>Vibration</b>	IEC60068-2-6
<b>Weight</b>	Unit: 0.60 lbs.	<b>Green</b>	RoHS Compliant
	Shipping: 1.0 lbs.	<b>Certifications</b>	FCC, CE, UL (Pending)
<b>Mounting</b>	DIN-Rail Mounting, Wall Mounting	<b>Warranty</b>	5 Years

## ORDERING INFO

**INJ-0200G-60-24-T** Industrial IEEE 802.3bt Gigabit Type 3 4PPoE Injector; EOT: -40°~75°C